



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/721,533
	Filing Date	November 25, 2003
	First Named Inventor	FANG et al.
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	5853-364

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Neil R. Jetter AKERMAN SENTERFITT	
Signature		
Date	March 18, 2004	

CERTIFICATE OF TRANSMISSION/MAILING		
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of FANG et al.

Application No.: 10/721,533

Examiner:

Date Filed: November 25, 2003

Group:

For: MULTI-LAYER DIFFERENTIAL PHASE SHIFT KEYING WITH
BIT-INTERLEAVED CODED MODULATION AND OFDM

CERTIFICATE UNDER 37 CFR 1.8(a)

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Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Date: March 18, 2004

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. §1.56, Applicants hereby disclose
information that may be relevant to the Examiner's consideration of the above-identified
application and the patentability of its claims.

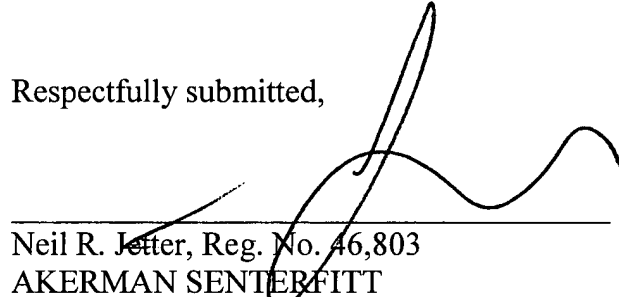
In accordance with Rules 56, 97, and 98 of the Rules of Practice in Patent Cases (37
C.F.R. §§ 1.56, 1.97, and 1.98), Form PTO/SB/08B and copies of references cited therein are
submitted for consideration by the Examiner. While the references provided in this Information
Disclosure Statement may be material to patentability pursuant to 37 C.F.R. § 1.56, it is not
intended to constitute an admission that any reference referred to herein is prior art for this
invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the

In re Application of: FANG et al.
Application No.: 10/721,533
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Group Art Unit:
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filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

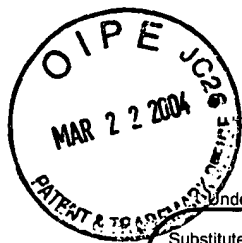
This Information Disclosure Statement is being filed before the issuance of a first office action on the merits of the application (37 C.F.R. 1.97(b)(3)); therefore, no fee is believed to be due. However, if any fee is due, the Commissioner is authorized to charge any such fee and any additional fees due or credit any overpayment to Deposit Account No. 50-0951.

Respectfully submitted,



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Docket No. 5853-364



PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/721,533
Filing Date	November 25, 2003
First Named Inventor	FANG et al.
Art Unit	
Examiner Name	
Attorney Docket Number	5853-364

Sheet	1	of	1
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ESMAILIAN et al., "A DISCRETE MULTITONE POWER LINE COMMUNICATIONS SYSTEM," IEEE International Conference on Acoustics, Speech, and Signal Processing 2000, 5:2953-2956, June 5-9, 2000.	
		LIU et al., "WIDE BAND AC POWER LINE CHARACTERIZATION," IEEE Transactions on Consumer Electronics, pp. 1087-1097, November 1999.	
		ROHLING et al., "HIGH-RATE OFDM-MODEM WITH QUASI-COHERENT DAPSK," 1997 IEEE 47th Vehicular Technology Conference, 2055-2059, May 1997.	
		FISCHER et al., "Coded Modulation for Noncoherent Reception with Application to OFDM," IEEE Transactions on Vehicular Technology, 50:910-919, July 2001.	
		CAIRE et al., "Bit-Interleaved Coded Modulation," IEEE Transactions on Information Theory, 44:927-946, May 1998.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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